

20030608.qrp v02_n945.qrl.20030608

Date: Sun, 8 Jun 2003 19:03:10 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2945

QRP-L Digest 2945

Topics covered in this issue include:

- 1) [152018] Re: FYI my 6M setup
by "Emmersom Bigguns" <n8ie@woh.rr.com>
- 2) [152019] Re: FYI my 6M setup
by Mike Malone <mmalone@ruggedridge.com>
- 3) [152020] RUFZ CW software
by Bob cutter <ki0g@yahoo.com>
- 4) [152021] Re: FYI my 6M setup
by Mike Malone <mmalone@ruggedridge.com>
- 5) [152022] Re: Zero
by Tim Groat <tcgroat@earthlink.net>
- 6) [152023] OT: Internet Security and Network Device - Router on Sale
by "Michael Melland" <w9wis@charter.net>
- 7) [152024] QRP On 6 Meters
by Jim Campbell <jim-c@charter.net>
- 8) [152025] Re: RUFZ CW software
by "E. Roswell" <eroswell@monmouth.com>
- 9) [152026] Re: RUFZ CW software
by David M Kopacki <kf2ew@juno.com>
- 10) [152027] SuSE 8.2 Pro CD's Available
by "Patrick York" <pyork@cetlink.net>
- 11) [152028] Re: FYI my 6M setup
by "Emmersom Bigguns" <n8ie@woh.rr.com>
- 12) [152029] Re: SLA Batteries
by Al Scanandoah <k2zn@rochester.rr.com>
- 13) [152030] FT-7 noise blanker mod
by Rick McKee <kc8aon@juno.com>
- 14) [152031] re: K1 for sale
by "Joe W2KJ" <w2kj@bellsouth.net>
- 15) [152032] Re: QRP On 6 Meters
by Arthur Moe <kb7ww@easystreet.com>
- 16) [152033] Re: FYI my 6M setup
by "John" <digi2@earthlink.net>
- 17) [152034] Bruce , VE3QRP mw info ????
by "George Osier" <gosier@twcnny.rr.com>
- 18) [152035] Re: QRP On 6 Meters
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
- 19) [152036] Hum in DC receiver?

- by "Doc K0EVZ" <dock0evz@earthlink.net>
- 20) [152037] Summer FOXes tomorrow
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 21) [152038] Re: Hum in DC receiver?
by "Michael Melland" <w9wis@charter.net>
- 22) [152039] Re: Hum in DC receiver?
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 23) [152040] Re: Hum in DC receiver?
by Mike Malone <mmalone@ruggedridge.com>
- 24) [152041] Fox: Fox Hunt Week #2 N3BJ & N0IT (Second Announcement)
by "Dave Sjolín" <sjolin@swbell.net>
- 25) [152042] Re: Hum in DC receiver?
by "Leon Heller" <leon_heller@hotmail.com>
- 26) [152043] Re: RUFZ CW software
by Chuck Adams <k7qo@commspeed.net>
- 27) [152044] Re: Hum in DC receiver?
by Bill Meara <n2cqr@clix.pt>
- 28) [152045] nn1g rx and tx boards
by "Don Ginter" <kc2ck@mail.com>
- 29) [152046] OT: Linux SuSE 8.2 Disks
by "Pastor-kc1di" <elbc2@gwi.net>
- 30) [152047] Re: Hum in DC receiver?
by Al Scanandoah <k2zn@rochester.rr.com>
- 31) [152048] reading the comics II
by "pschweit" <pschweit@mninter.net>
- 32) [152049] Re: Hum in DC receiver?
by "Stephen King" <frstephenk@stfrancishigh.org>
- 33) [152050] Re: Hum in DC receiver
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 34) [152051] 2x270 pF Polyvaricon
by "stan mcintosh" <mcintosh@triad.rr.com>
- 35) [152052] Koch program not generating random sets on W2K?
by Alex <kr1st@amsat.org>
- 36) [152053] Air Core 4 to 1 Balun (ie Heathkit B-1) question.
by ve3ab@mail.mondenet.com
- 37) [152054] Re: HAMCOM Invitation!
by "kk5na" <kk5na@kk5na.com>
- 38) [152055] Cen-Tec \$3 DVM Input Z
by Chuck Carpenter <w5usj@9plus.net>
- 39) [152056] Cool Propagation App
by "Larry Cruise" <aa5ta@earthlink.net>
- 40) [152057] Re: OT: Linux SuSE 8.2 Disks
by Chuck Adams <k7qo@commspeed.net>
- 41) [152058] Re: Hum in DC receiver?
by George F Franklin <w0av@juno.com>
- 42) [152059] Re: reading the comics II
by "bob baxter" <rbaxter@cybertrails.com>
- 43) [152060] Re: Hum in DC receiver?

- by Brad Thompson <Brad.Thompson@valley.net>
- 44) [152061] Re: Air Core 4 to 1 Balun (ie Heathkit B-1) question.
by "Bob Tellefsen" <n6wg@earthlink.net>
- 45) [152062] Re: Hum in DC receiver?
by Lee Boulineau <n4mvl@yahoo.com>
- 46) [152063] Re: Hum in DC receiver?
by Dan Tayloe <dtayloe@cox.net>
- 47) [152064] Re: Hum in DC receiver?
by Mike Malone <mmalone@ruggedridge.com>
- 48) [152065] NORCAL DOUBLET questions
by ARDUJENSKI@aol.com
- 49) [152066] More on common-mode hum in DC receivers
by Fred Bonavita <k5qlf@yahoo.com>
- 50) [152067] Truffle Announcement
by Mike Malone <mmalone@ruggedridge.com>
- 51) [152068] Re: Hum in DC receiver?
by "M. J. Powell" <mike@pickmere.demon.co.uk>
- 52) [152069] Re: Hum in DC receiver?
by "Steven Weber" <kd1jv@moose.ncia.net>
- 53) [152070] American QRP Club to have booth at Hamcom
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 54) [152071] New Hall of Fame Inductees
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 55) [152072] DC Hum - Balanced RX
by Bill Meara <n2cqr@clix.pt>
- 56) [152073] Compete "1 on 1" on the new 60 m band
by stanw@toxosor.com
- 57) [152074] FS: QRP rigs
by "dan wanchic" <wa8vzq@cloudnet.com>
- 58) [152075] Re: FYI my 6M setup
by Caitlyn Martin <ku4qd@earthlink.net>
- 59) [152076] Re: QRP On 6 Meters
by Caitlyn Martin <ku4qd@earthlink.net>
- 60) [152077] Re: QRP On 6 Meters
by Caitlyn Martin <ku4qd@earthlink.net>
- 61) [152078] RS sale
by Ed Lawson <k1vp@grizzly.com>
- 62) [152079] NJQRP Homebrewer Sprint - Awards & Results
by "Ken Newman" <N2CQ@Dandy.Net>
- 63) [152080] Fw: [fpqrp] Truffle Announcement
by "Jerry Ford" <benlightnd13@mchsi.com>
- 64) [152081] "Service" vs "Hobby" was Am I wrong in my assumptions?
by Brian Short <bshort4@cox.net>
- 65) [152082] Re: Fw: [fpqrp] Truffle Announcement
by Mike Malone <mmalone@ruggedridge.com>
- 66) [152083] FOXes spotted!
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 67) [152084] RE: SuSE 8.2 Pro CD's Available

by "Patrick York" <pyork@cetlink.net>
68) [152085] Re: FD and the lonely CW ops
by John Farler <jfarler@peoplepc.com>
69) [152086] Rat Shack SWR bridges
by "AI2Q" <ai2q@adelphia.net>
70) [152087] No FOX NOIT at 2300Z
by "Doc K0EVZ" <dock0evz@earthlink.net>

Date: Sat, 7 Jun 2003 18:41:02 -0400
From: "Emmersom Bigguns" <n8ie@woh.rr.com>
To: "Chuck Carpenter" <w5usj@9plus.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [152018] Re: FYI my 6M setup
Message-ID: <003401c32d45\$dfd7c8c0\$0500a8c0@home5vtkw1ykj9>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks Chuck,
I made a type and did not catch it until I read your post. The coax I have
is RG8X, not RG58X. Although not as good as 9913, it's a LOT better than
RG58.

72, 00
Dan, N8IE

----- Original Message -----
From: "Chuck Carpenter" <w5usj@9plus.net>
To: <n8ie@woh.rr.com>; "Low Power Amateur Radio Discussion"
<qrp-1@Lehigh.EDU>
Sent: Saturday, June 07, 2003 5:24 PM
Subject: Re: FYI my 6M setup

> Dan,
>
> Sounds good except for the RG-58. I'd change that as soon as you can to
> something in the 9913 catagory or better. You didn't mention how long the
> RG-58 run is but that stuff is real LOSSY on 6 meters. Also I only
mention
> 9913 as a category of cable. The stuff has a tendency to get water in it
> if you're not real careful.
>
> My 6 meter setup for several years include a Kenwood TS-670 quad bander
> running 8 Watts out to a 4 element beam. Worked lots of stations and some

> on the other end were using verticals like you, TV antennas, 40 meter
> dipoles (7th harmonic), long wires, short wires and all manner of other
> antennas. Truly the magic band.
>
>
> >BTW, for you sixers.....
> >My 6M station is an Icom IC-551 (10W all mode model), a converted 5/8 CB
> >antenna, and RG-58X coax.
> >
> >I bought everything this year at Hamvention for under \$200.00! :-)
>
>
>
> Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
> QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
> Zombie #759, COG #11, 6 Club #201, FP #601 <http://www.netxqrp.org>

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.486 / Virus Database: 284 - Release Date: 5/29/2003

Date: 07 Jun 2003 18:09:53 -0500
From: Mike Malone <mmalone@ruggedridge.com>
To: n8ie@woh.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [152019] Re: FYI my 6M setup
Message-ID: <1055027393.4611.0.camel@localhost.localdomain>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

Drool Drool... that was a sweet find at Dayton. My first 2 meter all mode was an Icom IC 211... very similar units.

On Sat, 2003-06-07 at 15:06, Emmerson Bigguns wrote:

> BTW, for you sixers.....
> My 6M station is an Icom IC-551 (10W all mode model), a converted 5/8 CB
> antenna, and RG-58X coax.
>
> I bought everything this year at Hamvention for under \$200.00! :-)
>
> 72, oo
> Dan, N8IE

> FPqrp #-6, QRP-1 #1404, FISTS #4985
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.488 / Virus Database: 287 - Release Date: 6/5/2003
>
> ---
> [This E-mail scanned for viruses by Declude Virus]
>
>

[This E-mail scanned for viruses by Declude Virus]

Date: Sat, 7 Jun 2003 16:34:16 -0700 (PDT)
From: Bob cutter <ki0g@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [152020] RUFZ CW software
Message-ID: <20030607233416.11150.qmail@web40702.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

If you get an error with the address given in the
earlier post, do a Google search for "rufz" and use
that link.

72, Bob KI0G

Do you Yahoo!?
Yahoo! Calendar - Free online calendar with sync to Outlook(TM).
<http://calendar.yahoo.com>

Date: 07 Jun 2003 18:17:58 -0500
From: Mike Malone <mmalone@ruggedridge.com>
To: w5usj@9plus.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [152021] Re: FYI my 6M setup
Message-ID: <1055027878.4611.7.camel@localhost.localdomain>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

9913 is expensive round here Chuck... I have been feeding all of my antlers with 213/U and been pretty happy with it and at a lot less \$\$\$ than the 9913. Now all you have to do is start watching for TV antennas out on the curb Dan and build yourself a yagi. Check out the article on ARRL website about converting a cheap RS FM yagi to a 5 element 2 meter yagi and copy that gamma match design. Mine worked well and is light enough to go on the el cheapo \$40 rotator from Fry's. It took some driving around on trash day a few times to gather components but it was worth it. Shoot... you might even find the rotator too! I got a really stout roof mount tripod off a curb this last year... going to run another antler with it...

On Sat, 2003-06-07 at 16:24, Chuck Carpenter wrote:

> Dan,
>
> Sounds good except for the RG-58. I'd change that as soon as you can to
> something in the 9913 catagory or better. You didn't mention how long the
> RG-58 run is but that stuff is real LOSSY on 6 meters. Also I only mention
> 9913 as a category of cable. The stuff has a tendency to get water in it
> if you're not real careful.
>
> My 6 meter setup for several years include a Kenwood TS-670 quad bander
> running 8 Watts out to a 4 element beam. Worked lots of stations and some
> on the other end were using verticals like you, TV antennas, 40 meter
> dipoles (7th harmonic), long wires, short wires and all manner of other
> antennas. Truly the magic band.
>
>
> >BTW, for you sixers.....
> >My 6M station is an Icom IC-551 (10W all mode model), a converted 5/8 CB
> >antenna, and RG-58X coax.
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> >I bought everything this year at Hamvention for under \$200.00! :-)
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>
>
> Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
> QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
> Zombie #759, COG #11, 6 Club #201, FP #601 <http://www.netxqrp.org>
> ---
> [This E-mail scanned for viruses by Declude Virus]
>
>

[This E-mail scanned for viruses by Declude Virus]

Date: Sat, 07 Jun 2003 18:18:29 -0600
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [152022] Re: Zero
Message-ID: <5.1.1.6.2.20030607180721.00a2cec0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I'll second Rod's motion. Even other Microsoft products aren't going to work well, because (as Rod pointed out) <alt>0216 is not the same character as the zero digit. Beyond the sorting and searching aspects, not all fonts and programs display these expanded characters as expected.

If the zero-oh confusion is that big a problem, change the font to one with a slashed zero, a dotted zero (an old IBM method), or make use of the tolower() function in your home-grown software. I see some posts on the list with blanks, where unsupported "zero" characters are in the message body.

But hey, all this is nothing compared to deciphering hand-scrawled Field Day log sheets!

72,
--Tim (KR0U)

>"Rod NOrc" <rod@n0rc.us>:
>ALT-216 is not a zero with a slash through it, it is a Latin capital
>letter O with a stroke though it. The consequence of using ALT-216 in
>call signs is that they won't sort correctly, in lists of call signs. It
>can also be difficult to search for them.
>
>The best solution is to use a font face designed with a slash through
>ASCII character zero. Several are available at:
>
> <http://www.qsl.net/wa6axe/fonts.html>

Date: Sat, 7 Jun 2003 19:23:47 -0500
From: "Michael Melland" <w9wis@charter.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,
 <njqrp@njqrp.org>, <fpqrp-1@fpqrp.com>
Subject: [152023] OT: Internet Security and Network Device - Router on Sale
Message-ID: <001b01c32d54\$3e4f6800\$0200a8c0@computer>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

While I've been very happy with running TPF as my software firewall Amazon has on sale the perfect device for surfing and security. They are selling the Netware Model RP614NA 4-port Cable/DSL Web Safe Router Gateway for about \$47 and then you get a \$10 mail-in rebate for a total cost of about \$37 +/- and that's a great deal.

For those unfamiliar with a router... it goes between your DSL or Cable modem and computer (you need a network card) and acts as a hardware firewall to prevent hackers etc. from gaining access to your computer. It also has 4 ea 10/100 Mbps RJ-45 Ethernet ports to attach 4 individual computers to share the modem (with switches one could actually place 253 devices on line). The computers are hard wired to the router with Cat5 cable but they can be up to 328 feet away from the router with no loss of performance (will maintain 200 Mbps).

I bought one and finished installing it today.... wow... if only my work network stuff set up so easily and worked so well. I am amazed at how invisible the computers are to the outside with the router firewall ! These won't stop email spam alone, you can configure the firewall to filter your mail however, and stop messages from loading if you block them but for anti-hacking they really work great....

So if you think you have more then one computer you want "fast" internet on or for that matter want a great hardware firewall check these out. No interest in Amazon or Netgear.... just a very impressed owner. They also have wireless versions for those wanting that option but they are somewhat slower (although at 54 Mbps you'd probably not notice it) and possible worrisome around RF fields <grin>.

<http://www.netgear.com/products/details/RP614.asp?view=>

[http://www.amazon.com/exec/obidos/tg/detail/-/B000006B9H9/qid=/sr=1-1/REF_TAG\(pd_sbs_e_1\)/104-0773012-8799116?v=glance&s=electronics](http://www.amazon.com/exec/obidos/tg/detail/-/B000006B9H9/qid=/sr=1-1/REF_TAG(pd_sbs_e_1)/104-0773012-8799116?v=glance&s=electronics)

--

Michael Melland, W9WIS
Winneconne, Wisconsin USA EN54pc
qrp-1 #1656 - qrparci # 9875 - iparc #252
ars #1075 - <http://webpages.charter.net/w9wis/>

Date: Sat, 07 Jun 2003 20:30:46 -0400
From: Jim Campbell <jim-c@charter.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [152024] QRP On 6 Meters
Message-ID: <3EE283B6.6020503@charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I just this morning finished my 6 meter setup. Where on 6 meters do the QRP gang hang out?

The only station I heard on this afternoon was WB0RMO, but it appeared that he was operating in beacon mode. He just sent the same thing over and over.

Thanks,

Jim
W4BQP

Date: Sat, 07 Jun 2003 20:43:27 -0400
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU
Subject: [152025] Re: RUFZ CW software
Message-ID: <3EE286AF.ECA670A9@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

URL should be:
<http://www.sk3bg.se/contest/softrufz.htm>
...looks interesting...
---K2MGM

Date: Sat, 7 Jun 2003 20:45:37 -0400
From: David M Kopacki <kf2ew@juno.com>
To: ki0g@yahoo.com
Cc: qrp-1@Lehigh.EDU
Subject: [152026] Re: RUFZ CW software
Message-ID: <20030607.204611.-16669479.0.kf2ew@juno.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yeah, but it doesn't work with Windows 2000. The only one that I have been able to find that does is Nu-morse.

73,
Mike, NJ20M

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sat, 7 Jun 2003 20:59:15 -0400
From: "Patrick York" <pyork@cetlink.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [152027] SuSE 8.2 Pro CD's Available
Message-ID: <006101c32d59\$2fece760\$e4c8fea9@home1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yesterday, I received the SuSE 8.2 Pro CD's from Chuck Adams K7QO (Thanks Chuck!). I will burn a copy first thing Monday morning. If you would like to be next on the list to receive the CD's, contact me direct. I will send them to the first person to contact me. Any other names received will be forwarded to the next recipient. Thanks for the bandwidth.

73,

Pat KF4LMZ

Date: Sat, 7 Jun 2003 20:59:14 -0400
From: "Emmersom Bigguns" <n8ie@woh.rr.com>
To: "Mike Malone" <mmalone@ruggedridge.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [152028] Re: FYI my 6M setup
Message-ID: <001801c32d59\$2e354c50\$0500a8c0@home5vtkw1ykj9>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was very happy! I got the 551 for \$165.00, works 100% and looks very clean with normal wear for a 20+ year old radio, the antenna was \$5, and 50' of RG8X for \$11.

I saw a bunch of 551's and 511D's but none were under \$350.00.

I'm thinking of getting a 211 next year for 2M, it would look great beside my 511.

72, oo
Dan, N8IE

----- Original Message -----

From: "Mike Malone" <mmalone@ruggedridge.com>
To: <n8ie@woh.rr.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, June 07, 2003 7:09 PM
Subject: Re: FYI my 6M setup

> Drool Drool... that was a sweet find at Dayton. My first 2 meter all
> mode was an Icom IC 211... very similar units.
>
> On Sat, 2003-06-07 at 15:06, Emmerson Bigguns wrote:
> > BTW, for you sixers.....
> > My 6M station is an Icom IC-551 (10W all mode model), a converted 5/8 CB
> > antenna, and RG-58X coax.
> >
> > I bought everything this year at Hamvention for under \$200.00! :-)
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> > 72, oo
> > Dan, N8IE
> > FPqrp #-6, QRP-1 #1404, FISTS #4985
> > ---
> > Outgoing mail is certified Virus Free.
> > Checked by AVG anti-virus system (<http://www.grisoft.com>).
> > Version: 6.0.488 / Virus Database: 287 - Release Date: 6/5/2003
> >
> > ---
> > [This E-mail scanned for viruses by Declude Virus]
> >
> >
>
> ---
> [This E-mail scanned for viruses by Declude Virus]

>

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.486 / Virus Database: 284 - Release Date: 5/29/2003

Date: Sat, 07 Jun 2003 21:43:52 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: qrp-1@lehigh.edu
Subject: [152029] Re: SLA Batteries
Message-ID: <3EE294D8.91A59C61@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Speaking of SLAs...

I got my new Fair Radio catalog the other day, and they have something I haven't seen them offer lately - a pair of NOS BB-490 batteries with a charger for \$20. Hooking up the two 12v sections of each battery in parallel is good for 3.8 Ah. Granted, it's not the greatest rating, but you can run one battery while the other charges.

Al, K2ZN

Date: Sat, 7 Jun 2003 22:07:40 -0400
From: Rick McKee <kc8aon@juno.com>
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [152030] FT-7 noise blanker mod
Message-ID: <20030607.220747.6806.0.kc8aon@juno.com>

Someone else was interested in the FT-7 mod and I deleted the message by mistake, so here's what I found.

Found and downloaded the the manual for the FT-7B, and the only difference I could see between the FT-7 blanker board (PB-1627) and the FT-7B (PB-1627C) was capacitor #805 was changed from a .01 uF in the older version to a .047 uF in the newer version.

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid: EM88rl
SW 40+, HW-7, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters SW500 RX

QRP-L #2112, FPqrp #33, AR QRP #269
QRP'ers DEPEND ON SKILL - NOT RAW POWER !

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Date: Sat, 7 Jun 2003 22:18:18 -0400
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [152031] re: K1 for sale
Message-ID: <001001c32d64\$3a3d9600\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

Sorry, but in my earlier posting of my K1 for sale I forgot to mention that it is the K1-4 version covering 40, 30, 20 and 15 meters.

73, Joe W2KJ

Date: Sun, 08 Jun 2003 03:10:09 +0000
From: Arthur Moe <kb7ww@easystreet.com>
To: jim-c@charter.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [152032] Re: QRP On 6 Meters
Message-ID: <3EE2A911.96DE8E7D@easystreet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim,

Right in there with the QRO guys SSB 50.125 and up, CW 50.080 up. You may get yelled at if you operate the .108 to .120 DX window .100 to .125 is a mix of cw and ssb.

Art
KB7WW

Jim Campbell wrote:

>
> I just this morning finished my 6 meter setup. Where on 6 meters do the
> QRP gang hang out?
>
> The only station I heard on this afternoon was WB0RMO, but it appeared
> that he was operating in beacon mode. He just sent the same thing over
> and over.
>
> Thanks,
>
> Jim
> W4BQP

Date: Sat, 7 Jun 2003 20:48:35 -0700
From: "John" <digi2@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
<n8ie@woh.rr.com>
Cc: "John Bryson" <bryj@mindspring.com>
Subject: [152033] Re: FYI my 6M setup
Message-ID: <002001c32d70\$d82b9db0\$6501a8c0@laptop1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I purchased an IC-211 in the mid 70's. It was a great rig when it worked but it required a lot of maintenance because of feed through solder problems similar to the problems that the IC-245 had. I gave it away a few years ago because the power supply went out and I just didn't feel like working on it anymore. However, it still worked fine when I used an external supply. If you are really in the market, you might want to contact N7DME at bryj@mindspring.com. I assume he still has it.

John McClain
k7svv@arrl.net

----- Original Message -----

From: "Emmersom Bigguns" <n8ie@woh.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, June 07, 2003 5:59 PM
Subject: Re: FYI my 6M setup

> I was very happy! I got the 551 for \$165.00, works 100% and looks very
clean
> with normal wear for a 20+ year old radio, the antenna was \$5, and 50' of
> RG8X for \$11.
>
> I saw a bunch of 551's and 511D's but none were under \$350.00.
>
> I'm thinking of getting a 211 next year for 2M, it would look great beside
> my 511.
>
> 72, oo
> Dan, N8IE
>
> ----- Original Message -----
> From: "Mike Malone" <mmalone@ruggedridge.com>
> To: <n8ie@woh.rr.com>
> Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Saturday, June 07, 2003 7:09 PM
> Subject: Re: FYI my 6M setup
>
>
> > Drool Drool... that was a sweet find at Dayton. My first 2 meter all
> > mode was an Icom IC 211... very similar units.
> >
> > On Sat, 2003-06-07 at 15:06, Emmerson Bigguns wrote:
> > > BTW, for you sixers.....
> > > My 6M station is an Icom IC-551 (10W all mode model), a converted 5/8
CB
> > > antenna, and RG-58X coax.
> > >
> > > I bought everything this year at Hamvention for under \$200.00! :-)
> > >
> > > 72, oo
> > > Dan, N8IE
> > > FPqrp #-6, QRP-1 #1404, FISTS #4985
> > > ---
> > > Outgoing mail is certified Virus Free.
> > > Checked by AVG anti-virus system (<http://www.grisoft.com>).
> > > Version: 6.0.488 / Virus Database: 287 - Release Date: 6/5/2003
> > >
> > > ---
> > > [This E-mail scanned for viruses by Declude Virus]
> > >
> > >
> >
> > ---

> > [This E-mail scanned for viruses by Declude Virus]
> >
>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (<http://www.grisoft.com>).
> Version: 6.0.486 / Virus Database: 284 - Release Date: 5/29/2003
>

Date: Sun, 8 Jun 2003 00:07:07 -0400
From: "George Osier" <gosier@twcnny.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [152034] Bruce , VE3QRP mw info ????
Message-ID: <000701c32d73\$6ddb8da0\$3522ac44@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Bruce !!!!

Due to a hard drive crash Iost my info on the proposed mw class for Canada
Day 2003 test.

Could you resend to me ?????

Thanks !!!!!

George Osier , N2JNZ

Date: Sat, 7 Jun 2003 23:39:56 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Arthur Moe <kb7ww@easystreet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [152035] Re: QRP On 6 Meters
Message-ID: <Pine.LNX.4.44.0306072339120.25510-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You can do a lot with 6m QRP, even SSB. CW is more effective, however, if
you're looking at marginal conditions OR trying to crack a pileup where

everyone else is working SSB.

On Sun, 8 Jun 2003, Arthur Moe wrote:

```
> Jim,
>
> Right in there with the QRO guys SSB 50.125 and up, CW 50.080 up. You may get
> yelled at if you operate the .108 to .120 DX window .100 to .125 is a mix of
> cw and ssb.
>
> Art
> KB7WW
>
> Jim Campbell wrote:
> >
> > I just this morning finished my 6 meter setup.  Where on 6 meters do the
> > QRP gang hang out?
> >
> > The only station I heard on this afternoon was WB0RMO, but it appeared
> > that he was operating in beacon mode.  He just sent the same thing over
> > and over.
> >
> > Thanks,
> >
> > Jim
> > W4BQP
>
```

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Sun, 8 Jun 2003 0:11:40 -0500
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [152036] Hum in DC receiver?
Message-ID: <41200360851140113@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

How can one reduce the amount of hum occurring in a DC receiver? Are there some hints and kinks? Many thanks in advance.

73,
--Doc/K0EVZ

Date: Sun, 8 Jun 2003 0:20:3 -0500
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>,
"Elecrafft " <elecraft@mailman.qth.net>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [152037] Summer FOXes tomorrow
Message-ID: <4120036085203787@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Tomorrow will be Week #2 in the Summer FOX Hunt series. Our FOXes will be Alan N3BJ from VA, and Dave N0IT from MO. Both are excellent operators. They have a supply of FOX pelts all ready to be handed out to the deserving hunters!

The hunts begin at 2200Z and run for only 90 minutes. Remember the Truffle Hunt preceding, as 2130Z.

More details are on the web page = <<http://www.cqc.org/fox>>. GL one and all. Here's hoping for great propagation for everyone.

73,
--Doc/K0EVZ

Date: Sun, 8 Jun 2003 00:27:31 -0500
From: "Michael Melland" <w9wis@charter.net>
To: <dock0evz@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [152038] Re: Hum in DC receiver?
Message-ID: <000701c32d7e\$a8f71480\$0200a8c0@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> How can one reduce the amount of hum occurring in a DC receiver? Are
there
> some hints and kinks? Many thanks in advance.

They are notorious for hum when using a power supply... try a battery and
see if it's better. Also.... if using a power supply twist the power leads
together, sometimes that helps I've been told.

Mike, W9WIS

Date: Sun, 8 Jun 2003 01:38:01 -0400 (Eastern Daylight Time)
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: <dock0evz@earthlink.net>, <qrp-l@Lehigh.EDU>
Subject: [152039] Re: Hum in DC receiver?
Message-ID: <3EE2CBB9.000006.50483@pentium>
MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

It sounds like what is called common mode hum. Do you get it if you run =
the
rig from batteries? Here is one site that talks about it and some other
topics pertaining particularly to an HW-7 that has a DC receive in it.
<http://www.qsl.net/kk4kf/hw7-ears.html> =0D
=0D
73/72 - Mike WA8BXN

Date: 08 Jun 2003 00:51:31 -0500
From: Mike Malone <mmalone@ruggedridge.com>

To: dock0evz@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [152040] Re: Hum in DC receiver?
Message-ID: <1055051491.5409.17.camel@localhost.localdomain>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

The biggest cause of hum is usually the power supply... if you are running off a battery already then you may have a situation of self oscillation in an op amp in the amplifier circuit. They can self oscillate at audio frequencies and sound like hum . If you are running off a power supply, try a battery source first. Also be sure you don't have any of the audio amp output wires anywhere near the VFBO stage. Hope this helps

On Sun, 2003-06-08 at 00:11, Doc K0EVZ wrote:

> Gang:
>
> How can one reduce the amount of hum occurring in a DC receiver? Are there
> some hints and kinks? Many thanks in advance.
>
> 73,
> --Doc/K0EVZ
>
>
>
>
>
>
>
> ---
> [This E-mail scanned for viruses by Declude Virus]
>
>

[This E-mail scanned for viruses by Declude Virus]

Date: Sun, 8 Jun 2003 01:22:46 -0500
From: "Dave Sjolín" <sjolin@swbell.net>
To: "Qrp-1 Reflector" <qrp-1@Lehigh.EDU>
Subject: [152041] Fox: Fox Hunt Week #2 N3BJ & N0IT (Second Announcement)
Message-ID: <0ab601c32d86\$6172b1c0\$78d1fea9@DaveSjolin>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a reminder, today, Alan, N3BJ, and yours truly, Dave, N0IT, will be the Foxii for this week's Fox Hunt, which will begin at 2200Z and run until 2330Z.

N3BJ be below 14.060, and me above. Usually we'll be 2-3 kHz above/below, allowing for QRM, however if you don't spot us look at least +/-10 khz from 14.060 before giving up.

We'll be working split at the beginning of the hunt, that is, we'll be listening to Hounds from 1-3 kHz above our frequencies (sometimes below). Hounds should take note of this, and try to avoid transmitting much closer to the Fox than 1 kHz early on. As the piles dwindle, we will probably revert to listening on our own frequency or at least closer to it.

As Foxii, we will call "CQ FOX," or "QRZ FOX," or some such. Hounds should then send their call, listen, and resend in a few seconds if the Fox doesn't start working someone.

The Fox will usually send the Hound's call at the beginning and end of his transmission, as: "W1AW TU 559 MO DAVE 5W W1AW BK," after which the Hound will reply sort of like this, "W1AW 559 CT HIRAM 5W BK." The Fox will then acknowledge, or ask for fills. An acknowledgement may be something like, "TU," or "TU E E," etc. Then, the Hounds may once again begin baying out their calls. If the Fox does need to ask for any fills, no other Hound should transmit until the Fox acknowledges he's got it all. Please send all your info only once; the Fox will ask for fills if necessary.

Good luck, happy hunting, and...have fun!!!

73 de Dave, N0IT
St. Louis, Missouri

Date: Sun, 8 Jun 2003 07:36:52 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: <dock0evz@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [152042] Re: Hum in DC receiver?

Message-ID: <Law15-DAV15vS1Db15v000348af@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, June 08, 2003 6:11 AM
Subject: Hum in DC receiver?

> Gang:
>
> How can one reduce the amount of hum occurring in a DC receiver? Are
there
> some hints and kinks? Many thanks in advance.

Running it off a battery is the easiest way. 8-)

It can often be caused by the oscillator (it's on the same frequency, of course) being received by the front end. Any hum on the oscillator signal then gets amplified. Screening the oscillator so that the signal only goes to the mixer should help. I think there are one or two other causes that I've forgotten.

73, Leon
--
Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Sun, 08 Jun 2003 07:45:55 +0100
From: Chuck Adams <k7qo@commspeed.net>
To: ki0g@yahoo.com,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [152043] Re: RUFZ CW software
Message-ID: <5.2.1.1.0.20030608074204.00b1c1c0@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>

One word of warning for RUFZ. It will work only with DOS and not windows. It must run with some of the interrupts and the later versions of Windows will mess things up. I use it with Windows 95 in the DOS mode on a laptop.

We've had this thread before on the program. It is one that will quickly frustrate you to no end. It is not easy. I have the highest score for the old people and I can tell you that I missed half the calls when I set that score. But it will improve your ability to copy at high speeds.....

It will not run using Wine under LINUX either.

FYI

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Date: Sun, 08 Jun 2003 07:22:29 -0100
From: Bill Meara <n2cqr@clix.pt>
To: dock0evz@earthlink.net
Cc: qrp-1@Lehigh.EDU
Subject: [152044] Re: Hum in DC receiver?
Message-ID: <1.5.4.32.20030608082229.01213694@pop.clix.pt>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Doc: One simple solution that works for me is running the RX off batteries.

The only DC RXs that I had that seemed to be immune from hum were the HW-8, and a HB RX using "balanced" design (balanced output from the NE602s to the balanced inputs of the LM386).

73 Bill

At 12:11 AM 6/8/03 -0500, you wrote:
>Gang:
>

>How can one reduce the amount of hum occurring in a DC receiver? Are there
>some hints and kinks? Many thanks in advance.

>

>73,

>--Doc/K0EVZ

>

>

>

>

>

>

>

>

>

73 de Bill CU2JL N2CQR

Sao Miguel Island, Azores, Portugal

900 miles West of Lisbon 37.7N 25.67W

<http://planeta.clix.pt/n2cqr>

Date: Sun, 08 Jun 2003 03:52:01 -0500

From: "Don Ginter" <kc2ck@mail.com>

To: qrp-1@Lehigh.EDU

Subject: [152045] nn1g rx and tx boards

Message-ID: <20030608085201.33148.qmail@mail.com>

Content-Type: text/plain; charset="iso-8859-1"

Content-Disposition: inline

Content-Transfer-Encoding: 7bit

MIME-Version: 1.0

Was given a pair of boards for nn1g rx and tx boards.

nn1g rx 11/93, nn1g tx 12/94.

Am looking for schematic and parts list for both.

Can anyone help?

Thanks

Don Kc2cK

--

Sign-up for your own FREE Personalized E-mail at Mail.com

<http://www.mail.com/?sr=signup>

Date: Sun, 8 Jun 2003 05:40:27 -0400 (Eastern Standard Time)
From: "Pastor-kc1di" <elbc2@gwi.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [152046] OT: Linux SuSE 8.2 Disks
Message-ID: <3EE3048B.000012.03008@DOR>
MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

Thanks for all those out there that emailed requesting the disks, I have the five and will be shipping the disks sometime this week if all works out time wise.. I have contacted the first five so if you did not get an email from me you did not make the list. Wish I could do more Had 30 requests=20 but time wise and money wise just can't do it at this time. =0D
=0D
There should be others offering as that was part of Chuck's (K7Q0) original condition.. some asked me for DVD's sorry I can't do DVD's but Contact Chuck directly as I remember him saying that someone on the list was going to do DVDs.=0D
=0D
Also if you don't make the list for any of the free ones.. I've seen them for sale on Ebay for as little as 5 bucks. Don't give up on Linux it's a great O.S. =0D
=0D
73 Dave KC1DI

Date: Sun, 08 Jun 2003 07:40:53 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: dock0evz@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [152047] Re: Hum in DC receiver?
Message-ID: <3EE320C5.5A438052@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Doc

Probably the quickest thing to try is to run the rig from battery power.

Another thing to do is wind a common mode choke on the output of your AC

supply. Wrap the leads around a type 72 or 75 ferrite core close to the rig connection. One of those snap-on cores from Radio Shack should do the trick, if your nearby RS still has such things in stock.

Al, K2ZN

Doc K0EVZ wrote:

>
> Gang:
>
> How can one reduce the amount of hum occurring in a DC receiver? Are there
> some hints and kinks? Many thanks in advance.
>
> 73,
> --Doc/K0EVZ

Date: Sun, 8 Jun 2003 06:59:00 -0500
From: "pschweit" <pschweit@mninter.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [152048] reading the comics II
Message-ID: <000501c32db5\$5b021720\$b9e6add1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

in Arlo and Janis

is SOS still the universal distress signal?

ir has it been changed to XXX

de rob
KA0PGQ

Date: Sun, 8 Jun 2003 08:13:24 -0400
From: "Stephen King" <frstephenk@stfrancishigh.org>
To: <dock0evz@earthlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [152049] Re: Hum in DC receiver?
Message-ID: <000701c32db7\$5c0f5680\$9150a8c0@RM204>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had an HW-7 here is what I learned from that experience...

1) the only way to eliminate hum is to run off a battery.

2) to lessen the hum make sure you use an antenna system with a good rf ground, like a dipole. End-fed wires were terrible!

Peace & 73

Stephen

W3SMK

K2 #2644

----- Original Message -----

From: "Doc K0EVZ" <dock0evz@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, June 08, 2003 1:11 AM

Subject: Hum in DC receiver?

> Gang:

>

> How can one reduce the amount of hum occurring in a DC receiver? Are there

> some hints and kinks? Many thanks in advance.

>

> 73,

> --Doc/K0EVZ

>

>

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>

>

Date: Sun, 08 Jun 2003 08:13:31 -0400

From: "Michael C. Boatright" <ko4wx@mindspring.com>

To: qrp-l@lehigh.edu

Subject: [152050] Re: Hum in DC receiver

Message-ID: <5.0.2.1.2.20030608081245.0254bb48@pop.mindspring.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Doc, great discussion (by KK7B, I think) in the new "Experimental Methods in RF Design" by W7ZOI, KK7B et al.

72 de Mike, K04WX

Michael C. Boatright

Date: Sun, 8 Jun 2003 08:28:10 -0700

From: "stan mcintosh" <mcintosh@triad.rr.com>

To: <qrp-l@Lehigh.EDU>

Subject: [152051] 2x270 pF Polyvaricon

Message-ID: <000001c32dd2\$92623e80\$5a0da318@triad.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Anyone got an extra one or two of these they'd be willing to sell?

Thanks.

stan

kd4bth

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.487 / Virus Database: 286 - Release Date: 6/1/03

Date: Sun, 08 Jun 2003 09:15:24 -0400

From: Alex <kr1st@amsat.org>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [152052] Koch program not generating random sets on W2K?

Message-ID: <3EE336EC.993E843F@amsat.org>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi there,

I'm running G4FON's Koch program to practice CW on a Windows 2000 box. Has anyone else noticed that at times complete 5 minute sessions are repeated? Sometimes I get the same character set several times a week (I try to practice 3 5 minute sessions in succession at least 5 days a week).

Thanks and 73,
--Alex

Date: Sun, 8 Jun 2003 09:36:16 +0000
From: ve3ab@mail.mondenet.com
To: qrp-1@lehigh.edu
Subject: [152053] Air Core 4 to 1 Balun (ie Heathkit B-1) question.
Message-ID: <200306081336.h58DZxtZ008687@barclay.mondenet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Just cleaning up my garage and Ive come across the B-1 air balun I bought at a flea market. It consists of two air wound coils each mounted beside each other ..(2.5 in. approx dia) and separated by a couple of inches. Wired as a 4 to 1 balun.
Has anyone had any sucess with this type of balun? Is it a good design? I have a Johnsons Matchbox for my primary antenna (end fed w8jk)..but I could use it for a second antenna I might put up..ie ..thinking of putting up a 60 meter dipole.
If it is a good design..I might copy it..(scale it down)..and use it for a 6 mtr antenna.
Ive seen this type of air balun as a project in older ARRL handbooks(1960s) ect..but havent heard/seen much of it later.
73 Earl VE3AB

Date: Sun, 8 Jun 2003 08:43:14 -0500
From: "kk5na" <kk5na@kk5na.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<w5tb@arrl.net>
Subject: [152054] Re: HAMCOM Invitation!
Message-ID: <250801c32dc3\$e953ed10\$eb01a8c0@joes>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all,

Hope you are planning to attend HAMCOM 2003 in Arlington, Texas. The dates are 20-22 June 2003.

This year is to be a big QRP year for HAMCOM. We will have two days of QRP events.

The Reverend George Dobbs G3RJV, Graham Firth G3MFJ and Tony Fishpool G4WIF from the UK will be here again including a great list of speakers from the US. See the list of presenters and events at... <http://www.kk5na.com/hamcom2003/home.htm>

Here are some details:

A fantastic gathering of leaders and experts in our hobby will treat Hamcom 2003 attendees to QRP seminar topics that include homebrew construction, antenna design, power supplies, simple test equipment, contesting, operating from the field, and more. These Saturday and Sunday QRP seminars, co-sponsored by the NORTEX QRP Club, are one of the great highlights of the HAMCOM weekend.

And what a QRP speaker lineup we have for everyone this year! The illustrious QRP speaker staff for this year's presentations includes: George Dobbs, G3RJV*; Graham Firth, G3MFJ*; Tony Fishpool, G4WIF*; Jim Duffey, KK6MC/5; Ron Sparks, AG5RS; Rick Hiller, W5RH; Dale Martin, KG5U; Howard Leverenz, AC5VF; Eric Swartz, WA6HHQ and; Doug Hendricks, KI6DS*

* QRP Hall of Fame Member

PROGRAM INFORMATION:

Modeling Stealth Antennas --AG5RS

Description: A look, from a modeling perspective, at the deployment and performance aspects of 'low profile', 'hidden', or 'stealth' type of antennas.

AG5RS -- Ron Sparks -- Ron's fascination with electricity began at about the age of 2 and continues unabated. He tried to become a ham while a teenager living in West Texas in the 1960's, but due to family finances or travel distance he remained in a 'receive only' mode for about 30 years. At present he is active on practically all bands and modes, and is active with the local Houston ATV, QRP, AMSAT and microwave groups. His professional certifications include Registered Professional Engineer, Certified Safety Professional, and Registered Environmental Manager. He currently owns a global management consulting and electronics project business, Sparks Technical Management Services, Inc. He is married with 2 college-aged daughters and his XYL actually encourages him to play radio.
rls@sparkles.com

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QRP Contesting - A Primer -- KG5U

Description: The program will discuss amateur radio contesting as a sport, why people contests, how to get into a contest, how to make contacts in a contest, and how to improve station and operator performance in contests thereby improving general amateur radio operating performance. The overall perspective will be from operating at the QRP (5 Watt) level in a world of high power signals.

KG5U -- Dale Martin -- Dale was first licensed in 1959 at the age of 13. He subsequently moved from California to Houston, Texas, where he has lived. He recently retired from NASA's Johnson Space Center after 39 years in communications, electronics, and information systems. He has been President, Secretary, and Treasurer of the JSC Amateur Radio Club a number of times and is currently the club's (W5RRR) QSL Manager and webmaster. Dale has been active in amateur radio contesting for twenty years. In recent years, he has been contesting at the QRP level in some of the more major contests (CQ WorldWide DX, CQ WW WPX, ARRL DX, ARRL Sweepstakes, North American QSO Parties, North American Sprints). When he's not on the radio, he can be found backpacking, hiking, bicycling, traveling, working on something to improve his station or working as a docent (volunteer) at the Houston Zoo. kg5u@hal-pc.org

=====

Switching type power systems for the QRP'er -- joint AC5VF and AG5RS

Description: A practical look at switching power supplies and charging systems

AC5VF -- Howard Leverenz -- Howard has a Masters degree in Physics and has worked in various disciplines of engineering for about 25 years. The last 10 years or so he has been designing DC/DC switching power supplies for battery operated hand held computers and instrumentation, which included smart battery chargers and smart batteries. Lately his designs have been for telecommunications and industrial applications, as he is currently a senior power supply design engineer for the Power Products division of Reliability Inc. in Houston. Previous to that he worked 19 years for Texas Micro/Radisys Corporation. He was first licensed in 1998 as KD5DJJ and upgraded to Extra and AC5VF in April of 2000. Howard is active in the AMSAT and QRP groups, enjoys portable operation and has attended many QRP 'cons'. hleverenz@sbcglobal.net

AG5RS -- Ron Sparks -- (see above)

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Practical Loop Antennas for the QRP'er -- W5RH

Description: QRP'ers have 2 goals in mind when building an antenna farm above and around their house and lot. 1) To make the most efficient use of the space; and 2) to put up the most efficient antennas for maximum radiation with lower power. This program provides a look at the wide range of full wave loops and how they can best be deployed on a typical city lot. Loop characteristics and capabilities will be discussed, all the while referencing a very detailed bibliography of 'loop' articles and references from the 1960's to the present.

W5RH -- Rick Hiller -- Rick was first licensed in 1969 as WN3OCV in West Reading, PA. He licensed again in 1986 as KF5NU and was provided W5RH in 1996. His main interest is general HF antenna system design and practical implementation, but he maintains a particular focus on the 'full wave delta loop' family of antennas. Operationally he casually DX's and rag chews via HF QRP CW and coordinates a yearly JOTA station at Houston's Boy Scout Troop 80. He is employed as Business Development Manager for SDI, a firm specializing in technical graphics software applications and tools.

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What do You Care About SWR? - KK6MC/5

Description: When your transmission line does not match the load impedance, not all of the energy fed down the line flows into the load. Some is reflected back, forming standing waves on the line. But what does this mean in English and what does it mean to you as an operator?

KK6MC -- James Duffey -- Jim's alter ego is Dr. Megacycle - call ends in MC or MegaCycle, and he has a PhD in Solid State Physics. Presto! Dr. Megacycle is born. Jim was first licensed in 1965 at age 15 and has been active in QRP since 1994. Dr Megacycle is a regular speaker at QRP gatherings thanks to his uncanny ability to explain the intricacies of technical matters in language we can all understand.

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"Having Fun With QRP Afield" - KI6DS

Description: Doug's talk is going to be a great one containing humor, practicality and instruction, and will relate to every single QRPer in the audience. KI6DS has operated almost every "QRP Afield" and "QRP to the

Field" since the inception of these events several years ago. His talk at HAMCOM this year will show you how to set up an effective contest station that won't break the bank, yet will give you loads of contacts. He will go over some neat operating hints and kinks that get you more QSOs and show you what you need to take with you in order to have an effective station. Doug will also demonstrate a sure fire method of spending a fun afternoon using simple QRP gear while your wife shops at the mall.

Doug Hendricks -- KI6DS -- Doug was first licensed as WB0YVK in Ulysses, Kansas in 1976. He and wife JoAnne have two married daughters and 2 grandchildren, with a third on the way in April. KI6DS grew up in Kansas and received a BS in Education with a major in Physical Education in 1970 from Pittsburg State University (Kansas). After working as a teacher and coach in Kansas, his ham license got him a job in broadcast radio where he started as a sports reporter and ended up as general manager. In 1984, Doug returned to college at Fort Hays State University where he received his second degree, a BS in Physical Science with a double major in Chemistry and Physics. He may be the only person in the world with a PE-Physics major!! Doug and his family moved in 1985 to his current residence in Dos Palos. Doug is chairman of the science department and the head coach for the boy's varsity basketball team at Dos Palos High School. He now holds an Extra Class ham ticket. He was the cofounder (with Jim Cates, WA6GER) of the NorCal QRP Club in 1993, was inducted into the ARCI QRP Hall of Fame in 1998, and has kitted over 15,000 NorCal kits. Doug and Jim also started the Pacificon QRP Forum in 1993, and have hosted the event ever since.

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Minimalist Radio - G3RJV

Description: Insights on the philosophy of QRP and a ramble through one-night and weekend projects for the homebrewer by the founder of the G QRP Club and editor of the club's journal SPRAT since 1972.

George Dobbs -- G3RJV - Reverend Dobbs was licensed in 1962 and from the beginning used almost all home built equipment for his amateur radio operating. At the end of the 1960's, after 5 years of student life and very little amateur radio activity, George decided to return to the hobby. To do this he had to progress from his former valve technology to solid-state circuitry. His inspiration was the series of articles by Doug DeMaw (then W1CER) in the QST. From these articles came his first simple QRP transmitters, and then 30 years of QRP construction!

George founded the G QRP Club and has been editor of the club's journal SPRAT since 1972. In the 1980's he wrote many articles on the building QRP equipment for the Short Wave Magazine. This was followed by a whole series of QRP projects in the Practical Wireless magazine throughout the 1980's and 90's. George was among the first four QRP Hall of Fame inductees announced at Dayton in 1992.

Currently G3RJV writes a monthly practical construction column, "Continuing the Practical Way" for the Practical Wireless and the QRP Column for the R.S.G.B. magazine Radio Communication.

George is a Church of England (Episcopalian) priest and Vicar of St. Aidan's Church, Rochdale, in the northwest of England.

Simple Test Equipment for the QRPer - G3MFJ and G4WIF

Description: Graham and Tony will discuss construction of simple but effective test equipment such as AF and RF probes, signal generators, dummy loads, noise generators, etc. to get your QRP projects up and running.

Graham Firth is a retired Telephone Company engineer for British Telecom who, along with his partner and fellow QRPer Tony Fishpool G4WIF have become familiar faces at QRP gatherings in the US. Tony still works for BT as a network/web design engineer.

Graham is an accomplished designer, having designed a CW interface for the Epiphyte, and several simple items of test gear. Tony has also written a number of articles for QRP journals and designed simple test equipment such as the Spectrum Wavemeter.

Both gentlemen are heavily involved along with George Dobbs in the inner workings of the GQRP Club and both were inducted into the ARCI Hall of Fame in May 2003.

Graham and Tony have written regular columns for QRPP, which features their lineup of simple test gear. It too, has drawn rave reviews as almost everyone is able to build the simple circuits from bits (British for parts) from the junk box. They have both also written for Practical Wireless, SPRAT, QRP Homebrewer and QRP Quarterly. They are co-authors of the book "Simple Test Equipment for the QRPer".

Don't be fooled, their book (and this talk) will be of great use to any radio amateur. It is packed with constructional articles describing simple but effective test equipment that will help get that project working.

Graham and his lovely wife Patricia live in Leeds, England, which is in the Northern part of the country near George Dobbs in Rochdale. They have four children, 1 son, and 3 daughters.

Tony and his (equally lovely) wife Ruth live in Dartford in the South East of England and they have two sons.

=====

HF Pack and Portable Radio Design - WA6HHQ

Most modern, high-performance HF transceivers are far from portable; their high current drain--as much as 3 amps on receive--relegate them mostly to fixed-station use. When such rigs are used for field operation, large batteries or generators are needed.

But it's possible to design high-performance gear that you really can take with you. Eric will describe the current drain and performance advantages of a single-conversion, down-conversion system architecture, and touch on topics from latching relays to transfective LCDs to firmware-based power-reduction strategies.

This talk will appeal to both a technical and non-technical audience. You'll discover what's eating all those watts inside your desktop radio, and see how it is possible to design efficient rigs that can please the most demanding DXers and contest operators, yet retain the size, weight, and current drain of a go-anywhere portable.

Along the way, Eric will answer the question, "What is HF Pack?" This rapidly growing operating activity takes HF-portable operation to new heights--literally.

Eric Swartz -- WA6HHQ -- Eric is the co-designer of the Elecraft K2 transceiver

and co-founder of Elecraft with Wayne Burdick, N6KR. Licensed 32 years, he credits his early interest in Amateur Radio with leading him to a career in electronic design and management. He is a veteran of Silicon Valley and has a B.S. in Engineering and Applied Science from Yale University. He is a self described 'entrepreneurial addict' and has been involved in a number of successful high tech start ups, most recently as co-founder and President of Verisys Inc., the leading manufacturer of SCSI protocol analyzers for the computer industry.

Building contest:

1 2n2222A TX Contest. See who can get the most power out of one on any HF ham band with the only rule being it will be test fired off the judges power supply and meter and cannot use any heat sink... smell the smoke coming out of some already. 60 second simulated qso transmission and highest power survivor wins.

Optional entry: Any portable station accessory contest you have built

-----.

There is still time to Pre-register to be included in the " QRP Events"
Pre-registration prize drawing!

(Separate from the HAMCOM Preregistration drawing!)

More information is available at the website.
<http://www.kk5na.com/hamcom2003/home.htm>

Hope to see you there.

Joe KK5NA

Date: Sun, 08 Jun 2003 09:19:08 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: <fpqrp-l@mpna.com>, qrp-l@lehigh.edu, QRPp-I@yahoogroups.com
Subject: [152055] Cen-Tec \$3 DVM Input Z
Message-ID: <3.0.2.32.20030608091908.008299c0@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks,

I have an older Cen-Tec and the input Z is spec'd to be 1 meg. I've also acquired one of the models that was being sold recently for about 3 bux. The spec sheet that came with it doesn't indicate input Z. Except for some obvious cost reduction enclosure changes the meter ranges appear to be identical.

I measured several voltage sources with both meters and found them to be close out to the third digit. These measurements don't really tell you what the input Z is though.

Using an RF probe that was modeled for the meter with the spec'd 1 meg input Z, I compared the voltage measured across a 50 Ohm load (7MHz). Again, the voltage measured was close out to the third digit on both meters.

Conclusion: The low-cost meter input Z is also 1 meg (for all practical purposes).

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 <http://www.netxqrp.org>

Date: Sun, 8 Jun 2003 10:46:36 -0500
From: "Larry Cruise" <aa5ta@earthlink.net>
To: "QRP-L" <qrp-l@lehigh.edu>

Subject: [152056] Cool Propagation App
Message-ID: <002201c32dd5\$27fdb10\$0e0110ac@VALUED7B9600FA>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

KU5S of TaborSoft just recently released his latest app called GeoWizard. Slick easy to use program that lets you know what HF propagation conditions are. It automatically pulls the latest Ionospheric data and displays it in an easy to understand format. Check it out at <http://www.taborsoft.com/gawiz/> .

-72 Larry
aa5ta Dallas, Tx. (K2 user)

Date: Sun, 08 Jun 2003 16:48:11 +0100
From: Chuck Adams <k7qo@commspeed.net>
To: elbc2@zwi.net,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [152057] Re: OT: Linux SuSE 8.2 Disks
Message-ID: <5.2.1.1.0.20030608164622.00b30380@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

>
>
>
>There should be others offering as that was part of Chuck's (K7Q0) original
>condition.. some asked me for DVD's sorry I can't do DVD's but Contact Chuck
>directly as I remember him saying that someone on the list was going to do
>DVDs.
>

I can do one set of DVDs to circulate, but there is a problem. Looks like there are two media for DVDs. One is called DVD+RW and DVD-RW. I can do DVD+RW which seems to be the latest, but it is not readable by all DVD drives.

So if some one is an expert on this and can read the DVD+RWs and then create a set of DVD-RW, I'll give the first shot and they can dup one set for circulation.

FYI

Chuck Adams K7QO k7qo@commspeed.net
http://www.qsl.net/k7qo CP-60

Date: Sun, 8 Jun 2003 11:55:17 -0500
From: George F Franklin <w0av@juno.com>
To: n2cqr@clix.pt
Cc: qrp-1@Lehigh.EDU
Subject: [152058] Re: Hum in DC receiver?
Message-ID: <20030608.115743.-239611.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang,

It is quite possible to get hum on a DC receiver even when it is operating on battery power.

At a field day setup several years ago a nearby power line induced a terrific hum into my HW7 running on dry cell batteries.

Grounding the RX to a good earth ground minimized the hum.

73 de George/W0AV
Hamming since 1935

Date: Sun, 8 Jun 2003 10:06:27 -0700
From: "bob baxter" <rbaxter@cybertrails.com>
To: <pschweit@mninter.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [152059] Re: reading the comics II
Message-ID: <014901c32de0\$510c7140\$ae542aa2@bobbaxte>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

> in Arlo and Janis
>
> is SOS still the universal distress signal?
>
> ir has it been changed to XXX

When I was a USAAF radio op, in the middle of the last century, XXX was recognized as a universal distress signal.

Bob Baxter AA7EQ
Bisbee, Az.

Date: Sun, 08 Jun 2003 13:11:57 -0400
From: Brad Thompson <Brad.Thompson@valley.net>
To: dock0evz@earthlink.net,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [152060] Re: Hum in DC receiver?
Message-ID: <5.0.2.1.2.20030608130506.02091150@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:11 AM 06/08/2003 -0500, Doc K0EVZ wrote:

>Gang:
>
>How can one reduce the amount of hum occurring in a DC receiver? Are there
>some hints and kinks? Many thanks in advance.
>
>73,
>--Doc/K0EVZ

Hello--

If your power supply uses silicon diodes, bypass each one with approximately 1000 pf to 0.01 uf. A silicon diode can continue conducting past the end of each AC cycle and then cease conducting abruptly, generating an energy spike whose components extend through the RF spectrum. The bypass capacitors often help.

Someone mentioned twisting the power-supply leads together as a twisted pair. This helps reduce the leads' susceptibility to stray 60-Hz magnetic field pickup, but make sure that the leads are truly twisted together and not one straight lead with the

second "barber poled"
around the straight lead. Sometimes it's necessary to use a shielded
twisted pair to decrease
both magnetic- and electrostatic-field pickup.

Some power transformers include a shield between the primary and secondary
windings-- the shield
minimizes noise introduced by winding-to-winding capacitive coupling. If
all else fails, it might
be worth trying one of these trannys.

73--
Brad AA1IP

Date: Sun, 8 Jun 2003 10:18:15 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [152061] Re: Air Core 4 to 1 Balun (ie Heathkit B-1) question.
Message-ID: <MABBJOEABOILMKCJCLFCMEJLEHAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Earl
I would connect a 200 ohm resistor across the output,
and put an antenna analyzer on the 50-ohm input and measure it.
I had one 45 years ago in Alaska, and it worked ok for me then.
However, I didn't have the test equipment we have today, so
"ok" has to be a relative term :-)
Let us know what you measure as you go from 160m to 10m.
73, Bob N6WG

Date: Sun, 8 Jun 2003 10:16:43 -0700 (PDT)
From: Lee Boulineau <n4mvl@yahoo.com>
To: leon_heller@hotmail.com,
 Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [152062] Re: Hum in DC receiver?
Message-ID: <20030608171643.87267.qmail@web21206.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hey Doc - two major problems with DC receivers - 1) they pick up hum from coupling in the power leads, even with a well-regulated supply, and 2) the high-gain audio circuits in these receivers can do all sorts of strange things unless ALL GROUNDS in the audio stage are grounded to the SAME POINT. Leon is also correct -sometimes you get bleed-through from the LO into the front end. Solutions - 1) use batteries, 2) shield the LO and the audio stages from the front end and mixer, 3) feedthrough caps on the power leads to the audio stages or ferrite beads.

--- Leon Heller <leon_heller@hotmail.com> wrote:

>

> ----- Original Message -----

> From: "Doc K0EVZ" <dock0evz@earthlink.net>

> To: "Low Power Amateur Radio Discussion"

> <qrp-l@Lehigh.EDU>

> Sent: Sunday, June 08, 2003 6:11 AM

> Subject: Hum in DC receiver?

>

>

> > Gang:

> >

> > How can one reduce the amount of hum occurring in

> a DC receiver? Are

> there

> > some hints and kinks? Many thanks in advance.

>

> Running it off a battery is the easiest way. 8-)

>

> It can often be caused by the oscillator (it's on

> the same frequency, of

> course) being received by the front end. Any hum on

> the oscillator signal

> then gets amplified. Screening the oscillator so

> that the signal only goes

> to the mixer should help. I think there are one or

> two other causes that

> I've forgotten.

>

> 73, Leon

> --

> Leon Heller, G1HSM

> leon_heller@hotmail.com

> http://www.geocities.com/leon_heller

Do you Yahoo!?

Yahoo! Calendar - Free online calendar with sync to Outlook(TM).

<http://calendar.yahoo.com>

Date: Sun, 08 Jun 2003 10:54:38 -0700

From: Dan Tayloe <dtayloe@cox.net>

To: qrp-l@Lehigh.EDU, dock0evz@earthlink.net

Subject: [152063] Re: Hum in DC receiver?

Message-ID: <3EE3785E.CC1E9FD7@cox.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I do not know what kind of a DC receiver you are working with, homebrew or commercial. However, one trick that I have not seen mentioned yet is to bypass the rectifier diodes in your AC power supply with 0.1 uf caps. It is the VFO leakage mixing with the power supply diodes with their 60 Hz that often causes the rf to be modulated by 60 Hz hum, which gets re-radiated and detected by the receiver. Having done this bypass, a few turns of the 12v leads through some ferrite can also help.

The second source of hum that I have found is when the rig uses L/C filtering in the low level audio path. This is caused by the inductor actually picking up the stray magnetic field of an AC transformer. You can check for this by picking up the rig when it is turned on and changing the orientation of the rig. If it is picking up stray magnetic fields, you will hear nulls in the hum as you turn the rig around. It is not just hum. I sometimes got inductive pick up noise from the TV in the next room on the other side of the wall.

If this is the case, the best solution would be to use a steel case to reduce the stray magnetic pickup. An aluminum case will not suppress magnetic fields. An alternative (for a homebrew rig) is to use an R/C active filter instead of a passive L/C filter and the magnetic pickup will go away. If it is a commercial rig, with the magnetic field pick up problem, sometimes the best that can be done is either run off batteries or reorient the power supply to get a hum null.

I used to use L/C filtering in my DC rigs, but switched to active R/C filtering because of the annoyance of stray magnetic low level hum pickup and because steel cases tend to be both heavy and scarce (unless we are talking about an Altoids tin!).

- Dan, N7VE

Date: 08 Jun 2003 12:47:47 -0500
From: Mike Malone <mmalone@ruggedridge.com>
To: n2cqr@clix.pt
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [152064] Re: Hum in DC receiver?
Message-ID: <1055094466.21239.15.camel@localhost.localdomain>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

Bill, I am messing with a DC RX right now that is using the same components but with a 741 op amp stage the 612 and the LM386 stage. How did you determine the best size resistor to match the balances? Also, did you have to use bypass caps between the two? Thanks for any input guys, I am trying to take the *&^%\$\$ theory and formulas and apply them to real life by doing this project and found there is a buffer stage between theory and reality... the dummy load on my shoulders. LOL

> The only DC RXs that I had that seemed to be immune from hum were the HW-8,
> and a HB RX using "balanced" design (balanced output from the NE602s to the
> balanced inputs of the LM386).

>

> 73 Bill

>

>

>

> At 12:11 AM 6/8/03 -0500, you wrote:

> >Gang:

> >

> >How can one reduce the amount of hum occurring in a DC receiver? Are there
> >some hints and kinks? Many thanks in advance.

> >

> >73,

> >--Doc/K0EVZ

> >

> >

> >

> >

> >

> >

> >

> >

> >

> 73 de Bill CU2JL N2CQR

> Sao Miguel Island, Azores, Portugal

> 900 miles West of Lisbon 37.7N 25.67W
> <http://planeta.clix.pt/n2cqr>
>
> ---
> [This E-mail scanned for viruses by Declude Virus]
>
>

[This E-mail scanned for viruses by Declude Virus]

Date: Sun, 8 Jun 2003 14:15:09 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [152065] NORCAL DOUBLET questions
Message-ID: <f2.2d8e165d.2c14d72d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I am a bit INEXPERIENCED with EZNEC and was wondering if anyone has looked at the NORCAL DOUBLET as an Inverted Vee with a modeling program? The run I did was with the apex up 30 ft and got gain figures that seemed about double of what one might expect. Ignoring the feedline loss these were the figures I got at angle/max gain:

40m--90 degree/6.4 dBi
40m--30 degree/2.5 dBi
20m--40 degree/5.8 dBi
15m--30 degree/7.6 dBi

Has anyone run an analysis on the DOUBLET and would you care to share what you got?

-----ALSO-----

I saw this statement in an old QRP-L post and was wondering if any folks have tried this feed method??

I made some measurements a year ago or so that showed the ribbon cable to be down -4 to -6 dB from RG174 (in 50' no less..). That does not mean of course that it doesn't work - just that we might make it better. Fundamentally, the two wire line should, and can be implemented with better performance than coax.

Make your doublet with 4 or 6 wire ribbon BUT the

center two or four conductors are cut out for the radiator portion, and used only as window spacers in the feedline section. This could be done by folding the 6 wide section and using the nippers to cut the center wires about every three or so inches from the antenna center back to the feedpoint. Then two of every three cut sections would be removed leaving a 6" window every 9".

Alan KB7MBI in Woodinville, WA
FISTS 5702 / ARS / Proud member of ARRL
--- --- --- --- DIT DIT

Date: Sun, 8 Jun 2003 11:21:32 -0700 (PDT)
From: Fred Bonavita <k5qlf@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [152066] More on common-mode hum in DC receivers
Message-ID: <20030608182132.50918.qmail@web21413.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The late Doug DeMaw had hum reduction as part of a power supply featured in his "W1FB's QRP Notebook," ARRL 1991, pg. 154. In case you don't have a copy, here's what he did: (1) 0.01uF, 1KV caps bypassing both primary leads of the transformer to ground; (2) 0.01uF caps (no voltage specified, but 100V worked for me) paralleling the four diodes in the bridge rectifier; and (3) an RFC leading to the 12V output terminals. The latter is an FT-82-43 ferrite toroid with a bifilar winding of 12t of No. 18 enamel wire. Note that positive and negative voltages are wound on this choke. Finally, put the p/s as far from the receiver as practical. I have used this approach successfully on several power supplies, and while it will not completely eliminate the hum, it nonetheless reduces it to a level that can be tolerated. As Doug once told me, the only way to eliminate common-mode hum in direct-conversion receivers is to use a battery.

73, Fred, K5QLF..

Do you Yahoo!?
Yahoo! Calendar - Free online calendar with sync to Outlook(TM).
<http://calendar.yahoo.com>

Date: 08 Jun 2003 13:21:54 -0500
From: Mike Malone <mmalone@ruggedridge.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>,
Flying Pigs <fpqrp-l@fpqrp.com>
Subject: [152067] Truffle Announcement
Message-ID: <1055096514.21473.6.camel@localhost.localdomain>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

KD5KXF will be your first truffle today from 2130 to 2145 UTC and I will take the second shift if another truffle doesn't come up and take the second shift.... I was kind of hoping W5RO or W5YR or W5USJ might want that second shift for an all Texas truffle challenge. I will be around 14.060 to 14.062 and will be listening up or down so please don't call on my freq. See you there!

[This E-mail scanned for viruses by Declude Virus]

Date: Sun, 8 Jun 2003 19:30:56 +0100
From: "M. J. Powell" <mike@pickmere.demon.co.uk>
To: n2cqr@clix.pt
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [152068] Re: Hum in DC receiver?
Message-ID: <ss5MwdBgD44+Ewm9@pickmere.demon.co.uk>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

In message <1.5.4.32.20030608082229.01213694@pop.clix.pt>, Bill Meara <n2cqr@clix.pt> writes
>Doc: One simple solution that works for me is running the RX off batteries.
>
>The only DC RXs that I had that seemed to be immune from hum were the HW-8,
>and a HB RX using "balanced" design (balanced output from the NE602s to the
>balanced inputs of the LM386).

Also make sure that there are RF by-pass capacitors across each rectifier in the PSU. About).001yF should be about right.

Mike

--

M.J.Powell

Date: Sun, 8 Jun 2003 14:31:40 -0400
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: <dock0evz@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [152069] Re: Hum in DC receiver?
Message-ID: <004201c32df4\$69743740\$dfccfea9@turbotoo>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> How can one reduce the amount of hum occurring
in a DC receiver? Are there
> some hints and kinks? Many thanks in advance.
>
Doc,

If your using an AC supply, try batteries instead.
A good computer type filter on the line side of
the supply, by-passing the rectifier diodes with
.01 caps and adding a bi-filler wound choke on a
ferite rod on the DC supply lines can help.

If your already on batteries, probably not a
whole lot you can do to help.

72,
Steve, KD1JV
White mountains of New Hampshire
"melt Solder"
www.qsl.net/kd1jv/

Date: Sun, 8 Jun 2003 12:29:14 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [152070] American QRP Club to have booth at Hamcom
Message-ID: <036e01c32df4\$3ea24d40\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, Doc Drake and Joe Spencer have very graciously offered to let the American QRP Club share booth space with them on QRP row at Hamcom. Those of you who have been there before know that there is usually a row of QRP booths all in a line. NorTex, ARCI, G-QRP, and AmQRP will all be right there together. Stop by our booth to sign up for a subscription to our new journal, "The Homebrewer", and make sure that you are a charter subscriber to this exciting new QRP journal. Also, we will have several NorCal kits available. There will be Miniboosts Amps, 2000 piece 1/4 watt carbon film resistor kits in a custom case, NorCal Keyers, BLT Tuners, NorCal Crystals, 4:1 Balun kits, and parts grab bags. Jim Cates and I will both be there, along with several other members of the club. Stop by, say hello, and if you have questions, we will try to get you an answer.

The AmQRP Club is excited about this opportunity to have our first booth exposure to qrpers. Remember, the journal is \$20 for 4 issues, and the fifth issue will contain a free cd of all of the content of the first four issues, plus bonus software and bonus material. This is a first for qrp journals, and just an example of the plans that we have for the club. The journal will be 8.5 x 11 inches in size with a full color cover!! If you can't make Hamcom, you can subscribe by sending a check or money order made out to:

American QRP Club
c/o Paul Maciel
1740 Hudson Dr.
San Jose, CA 95124

Do it today!!

Also, I will be a speaker on Sunday morning, and look forward to seeing and meeting all of the qrpers in attendance. Doc and Joe have an outstanding lineup of speakers, with a broad range of qrp topics. They have really outdone themselves, and should be congratulated for their hard work and efforts on our behalf. Don't forget that there will be other activities that Doc and Joe will be telling us about soon!! 72, Doug

Date: Sun, 8 Jun 2003 13:19:20 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@Lehigh.EDU>
Subject: [152071] New Hall of Fame Inductees
Message-ID: <038001c32dfb\$3ee2d480\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I would like to take an opportunity on behalf of NorCal QRP Club and now AmQRP Club to congratulate the 3 newest ARCI QRP Hall of Fame Inductees. I know all of them, and all 3, Tony Fishpool, Arnie Coro, and Graham Firth certainly deserve the recognition. For those of you who don't know them, let me give you some background.

Arnie Coro, has hosted the very popular DX show, DXer's Unlimited on Radio Havana Shortwave Station for many, many years. He is a very familiar name and figure to DXers all over the world, and also to QRPers. Arnie spoke at a standing room only affair at the Colorado QRP Club last year, and Paul Harden told me that it was the most moving and inspirational speech he has ever heard.

Arnie is responsible for thousands of Cuban hams being on the air. He reads issues of Sprat and QRPP on a local SSB net, so that guys can build projects from the articles. Arnie has friends that send him parts, and he distributes them throughout the island, so that qrxers can build and get on the air. Several hundred hams are in constant contact with him for news and information concerning qrp. Hams in Cuba literally have built their whole stations from discarded tv sets, and Arnie Coro is the man who has shown them the way. QRP and Ham radio has no finer representative of what ham radio is about than Arnie Coro.

The next two inductees are as much of a team as Jim Cates and Doug Hendricks. They have been friends of each other and QRP for years. I first met them when they were at Dayton for the first time. They had told their wives that it would be the trip of a lifetime, and a one time only occurrence. Since that time, they have been at Pacificon, Hamcom, Seaside, Arkiecon, Ft. Tuthill, Atlanticon and back to Dayton several more times. Back to our first meeting. NorCal was sharing a booth with G-QRP, and Dick Pascoe, George Dobbs, Jim Cates, and I plus these two new guys from England went out to set up the booth on Thursday afternoon. Their job was to carry boxes for Dick Pascoe. Dick soon "fired" them, as he said it would be easier to do it by himself. I had to laugh as the two of them walked away congratulating each other on getting "sacked" so that they could have the freedom to roam around Hara arena. They did it on purpose!! Sorry Dick, but you were had!!

Later Tony and Graham would become good friends of mine, and they started to write articles for all of the publications, and they designed really simple, but useful test equipment. I finally talked them into coming to Pacifcon and giving a talk, which was their first exposure to the qrp lecture circuit. I had no idea how they would go over, but felt confident that they would do fine. Boy did they ever. The day before Pacifcon, I had them visit my classroom and talk to my students. Both Tony and Graham were very nervous, but as soon as they started talking, they relaxed, became

themselves, and the kids instantly bonded to them. In fact, my students still talk about them. I knew then that they would be a hit with their lecture, and boy were they!! They guys loved their talk, and their accents.

Later, they would be asked to speak at Atlanticon, Arkiecon, Hamcon, Ft. Tuthill, and probably some more that I have missed. This is a testimonial to their popularity as speakers. They have also co-authored a book, "Simple Test Equipment for the Homebrewer" that has sold very well both here and in England, and has been favorably reviewed by none other than George Dobbs!! Plus they wrote a regular column for QRPP.

They both were behind the scenes supporters of the NorCal 20 project, the Epiphyte project, I, II, & III, they were beta test builders for the NorCal Nor'Easter SWL rig, and they have been heavily involved in the running of G-QRP Club.

Yes, Tony and Graham are a team, and they have made a huge contribution to QRP. It is an honor to be a member of the ARCI QRP Hall of Fame with these 3 new members. They have raised the bar.

72, Doug, KI6DS

Date: Sun, 08 Jun 2003 20:41:00 -0100
From: Bill Meara <n2cqr@clix.pt>
To: Mike Malone <mmalone@ruggedridge.com>
Cc: QRP-l@lehigh.edu
Subject: [152072] DC Hum - Balanced RX
Message-ID: <1.5.4.32.20030608214100.01213180@pop.clix.pt>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mike: Here is a description of my RX:

On RX, I have a bandpass filter followed by an NE602 functioning as an RF amp. Balanced output to another NE602, this one the product detector. Then ANOTHER NE602 as an AF amp (again, balanced input) followed by an LM386. I get the NE602s to work as amps by putting five volts on pin 6. Nicest DC RX I've ever used. No common mode hum, even with AC supply.

>From the RF AMP chip to the Product detector I use two 100 pf caps. Between the product detector and the first af amp, two .5 mfd caps with two 1.5k resistors in series. From the 602 AF amp to the LM386 two .1 mfd caps.

I'd send you a schematic but my scanner is broken! I hope you see what I'm saying. Let me know if you don't. 73

Bill

<http://planeta.clix.pt/n2cqr>

At 12:47 PM 6/8/03 -0500, you wrote:

>Bill, I am messing with a DC RX right now that is using the same
>components but with a 741 op amp stage the 612 and the LM386 stage. How
>did you determine the best size resistor to match the balances? Also,
>did you have to use bypass caps between the two? Thanks for any input
>guys, I am trying to take the *&^%\$\$ theory and formulas and apply them
>to real life by doing this project and found there is a buffer stage
>between theory and reality... the dummy load on my shoulders. LOL

>

>> The only DC RXs that I had that seemed to be immune from hum were the HW-8,
>> and a HB RX using "balanced" design (balanced output from the NE602s to the
>> balanced inputs of the LM386).

>>

>> 73 Bill

>>

>>

>>

>> At 12:11 AM 6/8/03 -0500, you wrote:

>> >Gang:

>> >

>> >How can one reduce the amount of hum occurring in a DC receiver? Are there
>> >some hints and kinks? Many thanks in advance.

>> >

>> >73,

>> >--Doc/K0EVZ

>> >

>> >

>> >

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>> >

>> >

>> >

>> >

>> >

>> 73 de Bill CU2JL N2CQR

>> Sao Miguel Island, Azores, Portugal

>> 900 miles West of Lisbon 37.7N 25.67W

>> <http://planeta.clix.pt/n2cqr>

>>

>> ---

>> [This E-mail scanned for viruses by Declude Virus]

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>[This E-mail scanned for viruses by Declude Virus]
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>
>
73 de Bill CU2JL N2CQR
Sao Miguel Island, Azores, Portugal
900 miles West of Lisbon 37.7N 25.67W
<http://planeta.clix.pt/n2cqr>

Date: Sun, 8 Jun 2003 14:02:12 -0700
From: stanw@toxsor.com
To: qrp-1@lehigh.edu
Cc: ak0b@swbell.net
Subject: [152073] Compete "1 on 1" on the new 60 m band
Message-ID: <1055106132.3ee3a454e1310@www.toxsor.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

QRP can compete on a one on one basis on the new 60 meter band. The rules call for max of 50 watts ERP based on a dipole having a gain of one. The big guns will continue to run their maximum power limits and go for 50 watts output. However, on SSB QRP is 10 watts PEP and if we add an antenna with a gain of 6 db we will have 40 watts equivalent output from the antenna. In addition our antenna will also have 6 db gain on receiving. That is a path gain of 12 db with qrp to qrp.

Now what we need is our math and antenna modeling experts on the list to work up a few designs that will provide us with 6 db gain in the smallest mechanical configuration possible. A loop is only good for 2 db so need something better than a simple loop.

The big guns have to reduce power if they add gain in the antenna so finally QRP can show what can really be done with low power.

de stan ak0b

Date: Fri, 28 Mar 2003 06:24:13 -0600
From: "dan wanchic" <wa8vzq@cloudnet.com>
To: <qrp-1@Lehigh.EDU>
Subject: [152074] FS: QRP rigs
Message-ID: <000701c2f525\$34863180\$736dbcd1@newuser>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Shack cleaning time here at WA8VZQ.....

SWL QRP rigs -
all with front panel 1/4 inch key & headphone jacks
all GM series with rear panel RCA key & headphone jacks
all GM series built in computer switch boxes
all GM series have RIT
all with 5.5mm/2.1mm coaxial power connectors
all with 10 turn pots and mechanical digital dials
all with manual and built by me

I prefer to ship priority mail - request \$5.00 from you to split costs.
I will cover difference in shipping.

NE 30-40....
approx 5 1/4 X 5 X1 1/2 - Radio Shack plastic case
BNC RF connector....works fine....\$75.00

Green Mountain 40....
approximately 6 X 5 X 2, painted beige
Mods - tunes approx 7.000 to 7.150, internal IF gain adjust pot
Bournes CT-26 series digital dial
BNC RF connector.....
I don't like how the CW sidetone/offset pitch matches the audio filter
response. It is different than my other GM's, although it meets all spec's.
I can regularly hear european stations with a modest antenna.
thus reduced price \$100.00

Green Mountain 15....
approximately 6 X 5 X 2, painted beige.....
Mods - tunes approx 21.000 to 21.150, internal IF gain adjust pot
Bournes CT-26 series digital dial
BNC RF connector....
The RX has some spurs although it meets all spec's.
thus reduced price \$100.00

Green Mountain 30....
approximately 7 X 4 1/4 X 2, painted yellow and black....
with very nice 1 1/2 inch dia dial
Mods - internal IF gain adjust pot
rca phono jacks for each on rear panel but not wired in....
SO-239 RF connector....
No problems with this beautiful radio.....\$115.00

Green Mountain 20....
approximately 7 X 4 1/4 X 2, painted red and black....
with very nice 1 1/2 inch dia dial
Mods - internal IF gain adjust pot
SO-239 RF connector.....
No problems with this beautiful radio, my favorite of the bunch ...\$115.00

Radio Shack HTX-100 with mic and power cable - plus hb adapter for PSK....
no mobile bracket.....works fine...I seem to remember that
high power is adjusted down to 15 W - \$115.00

Super CW Station - memory keyer and CW decoder designed by N4UAU
built in die cast aluminum enclosure approx 7 1/2 X 4 1/4 X 2 1/4
1/4 inch connectors for paddle and output plus coaxial power connector
with manual....works fine, copies good fists very nicely -
actually copies better than most DSP sound card programs I've tried....
\$75.00

JPS NIR-10 DSP unit with manual \$50.00

Radio Shack DSP-40 with manual...no power supply \$40.00

Ramsey AF-1 switched capacitor filter
RS plastic plastic case with manual - \$20.00

Island Keyer - blue plastic box 1/4 inch jacks for paddle, key and output
with schematic and instructions - \$15.00 - not built by me....

Regards

Dan
St. Cloud, MN

Date: Sun, 8 Jun 2003 17:54:45 -0400
From: Caitlyn Martin <ku4qd@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [152075] Re: FYI my 6M setup
Message-ID: <20030608175445.2623cac0.ku4qd@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Sat, 07 Jun 2003 16:24:27 -0500
Chuck Carpenter <w5usj@9plus.net> wrote:

> Sounds good except for the RG-58. I'd change that as soon as you can
> to something in the 9913 catagory or better. You didn't mention how
> long the RG-58 run is but that stuff is real LOSSY on 6 meters.

Even RG-8 or RG-213 would be better than RG-58. 9913 is better for
sure, but if the budget is tight do upgrade to AT LEAST RG-8.

>
> My 6 meter setup for several years include a Kenwood TS-670 quad
> bander running 8 Watts out to a 4 element beam.

Add me to the list of those with a 10W station that makes lots of
contacts. Currently I use a Mizuho MX-606D, 10W out, and a 3 element
beam. Works great!

72/73,
Caity
KU4QD

Date: Sun, 8 Jun 2003 18:00:57 -0400
From: Caitlyn Martin <ku4qd@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [152076] Re: QRP On 6 Meters
Message-ID: <20030608180057.2ebfea6d.ku4qd@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Sat, 07 Jun 2003 20:30:46 -0400
Jim Campbell <jim-c@charter.net> wrote:

> I just this morning finished my 6 meter setup. Where on 6 meters do
> the QRP gang hang out?

Probably 50% or so of 6m ops are QRP, 10W or less. 10W was the standard for 6m rigs for many years, and even some HF/6m rigs (Icom IC-726, IC-729, Alinco DX-70T, etc...) were 100W on HF but just 10W on 6m. Please remember that 6m isn't open on demand, and is pretty unpredictable. Call CQ on 50.125 or else a little above and below. When the band is open expect it to be full from 50.100-50.200 or even higher. Also remember that 50.100-50.125 is the DX window.

One more point: except for beacons, generally nobody is in the CW portion of the band. CW tends to be mixed in with the SSB when there is any. IF the band is wide open some signals may appear below 50.100, but usually just below.

Also, if you don't hear anything don't assume the band is dead. I think a lot of people listen. Call CQ. Nine times out of ten, if not more, dead is dead. One time in ten you'll get a pleasant surprise.

72,
Caity
KU4QD

Date: Sun, 8 Jun 2003 18:02:22 -0400
From: Caitlyn Martin <ku4qd@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [152077] Re: QRP On 6 Meters
Message-ID: <20030608180222.412f3451.ku4qd@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Sat, 7 Jun 2003 23:39:56 -0400 (EDT)
"Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu> wrote:

> You can do a lot with 6m QRP, even SSB. CW is more effective,
> however, if you're looking at marginal conditions OR trying to crack a
> pileup where everyone else is working SSB.

Assuming the other op can copy CW. The majority on 6m CANNOT. That includes some Extra class operators, BTW.

72,
Caity
KU4QD

Date: Sun, 8 Jun 2003 21:55:37 +0100
From: Ed Lawson <k1vp@grizzly.com>
To: qrp-1@lehigh.edu
Subject: [152078] RS sale
Message-ID: <20030608215537.56dcfc3e.k1vp@grizzly.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Maybe this has been on before, but when I stopped at local RS today looking for earpiece/mike combo for my HT, I found they were selling older model VOX headphone/boom mike combos and VOX earpiece/boom mike combos for \$5 each. Bargain if you need them.

Ed Lawson
K1VP

--

Date: Sun, 8 Jun 2003 17:58:56 -0400
From: "Ken Newman" <N2CQ@Dandy.Net>
To: "W3BG Jim Samuels" <W3BG@arrl.net>,
"K8NI Norm Into" <normk8ni@neo.rr.com>,
Subject: [152079] NJQRP Homebrewer Sprint - Awards & Results
Message-ID: <004101c32e09\$2c3a7dc0\$0ae980d1@kendsell>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Sprinters!

Thanks to all who enjoyed the Spring QRP Homebrewer Sprint held on March 24, 2003.

1st Place winner N4BP receives a 1-year subscription to Homebrewer magazine from the AmQRP Club. Congratulations to Bob for his second consecutive win!

Runner-up winners K5ZTY and W5TA each receive an Islander Pad Cutter.

Look for another running of this fun sprint this Fall on Sept. 22, 2003,

from 0000-0400 UTC.

Hope to hear you then!

72 de Ken - N2CQ

PS: Many thanks to QHB editor N2APB for presentation of the results online and for creation of the online certificates! We think all participants will enjoy theirs in proud recollection of this season's QHB Sprint.

You can see the results and print your Sprint Certificate at :
<http://www.njqrp.org/qhbsprint/Spring2003/Spring2003QHBsprintresults.html>

Date: Sat, 7 Jun 2003 16:54:32 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-1" <qrp-1@lehigh.edu>, "FPigs" <fpqrp-1@mpna.com>
Subject: [152080] Fw: [fpqrp] Truffle Announcement
Message-ID: <009801c32d3f\$613ec8c0\$0077da0c@mchsi.com>

Boy: Just a little peep out of Mike here in Mo. No Truffle's today!
One of our Fists partners just under .060 and seems to be running a KW doesn't help!!

Thanks for the effort Mike and good luck on the results.

72 oo Jerry N0JRN
----- Original Message -----
From: "Mike Malone" <mmalone@ruggedridge.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>; "Flying Pigs" <fpqrp-1@fpqrp.com>
Sent: Sunday, June 08, 2003 1:21 PM
Subject: [fpqrp] Truffle Announcement

> KD5KXF will be your first truffle today from 2130 to 2145 UTC and I will
> take the second shift if another truffle doesn't come up and take the
> second shift.... I was kind of hoping W5RO or W5YR or W5USJ might want
> that second shift for an all Texas truffle challenge. I will be around

> 14.060 to 14.062 and
> will be listening up or down so please don't call on my freq. See
you
> there!
>
> ---
> [This E-mail scanned for viruses by Declude Virus]
>
> -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe
fpqrp-l -

Date: Sun, 8 Jun 2003 17:09:33 -0400
From: Brian Short <bshort4@cox.net>
To: Low Discussion <qrp-l@Lehigh.EDU>
Subject: [152081] "Service" vs "Hobby" was Am I wrong in my assumptions?
Message-ID: <80E216F6-99F5-11D7-BFE7-00306543B616@cox.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v552)
Content-Transfer-Encoding: 7bit

On Saturday, June 7, 2003, at 10:41 AM, Lloyd Lachow wrote:

> --- Brian Short <bshort4@cox.net> wrote:
> ... the amateur
>> radio service
>> (it is a service not a "hobby")
>
> it's two mints in one.

Indeed it is!

The thing is that I so often hear the phrase "It is only a hobby." The facts are that by legal definition the amateur radio service is established with certain goals and purposes. See FCC Part 97.

For most of us, if we pursue amateur radio as a "hobby" then we will fulfill the intended mission... pool of trained operators, advancing the radio art, etc.

Advancing the radio art (ie RF design, homebrewing, etc) is certainly a part of this hobby. Evidently, this is part of the focus of the new publication previously under discussion.

Maintaining a pool of trained radio operators is another.

This speaks to CW proficiency, operating ability, and emergency procedures.

Temporary battery/solar operation from difficult portable locations where antennas and other equipment must be setup quickly under challenging circumstances is certainly part of the latter.

Probably, though, there is more most of us could do in the area of public service or emergency communication which are important topics now.

Hey, isn't it time for Field Day?

Incidentally, Field Day is an "operating event" not a "contest."

Brian

--

See my web page: <http://www.k7on.com>

Date: 08 Jun 2003 17:02:41 -0500
From: Mike Malone <mmalone@ruggedridge.com>
To: Jerry Ford <benlightnd13@mchsi.com>
Cc: qrp-l <qrp-l@Lehigh.EDU>, FPigs <fpqrp-l@mpna.com>
Subject: [152082] Re: Fw: [fpqrp] Truffle Announcement
Message-ID: <1055109760.22118.4.camel@localhost.localdomain>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

Man... someone go check those WI boys for linears!!! Jerry N9AW and W9XU and WA9TZ were just thundering! ... band was funny and I had some serious noise here on this end... so bad I cut the lights and computer off in the shack thinking it might be one of those so I lost track of time. Log out later... wont take long... might have broke single digits LOL

On Sat, 2003-06-07 at 16:54, Jerry Ford wrote:

> Boy: Just a little peep out of Mike here in Mo. No Truffle's
> today! One of our Fists partners just under
> .060 and seems to be running a KW doesn't help!!
>
> Thanks for the effort Mike and good luck on the results.
>
> 72 oo Jerry N0JRN

> ----- Original Message -----
> From: "Mike Malone" <mmalone@ruggedridge.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>; "Flying
> Pigs" <fpqrp-1@fpqrp.com>
> Sent: Sunday, June 08, 2003 1:21 PM
> Subject: [fpqrp] Truffle Announcement
>
>
> > KD5KXF will be your first truffle today from 2130 to 2145 UTC and I
> will
> > take the second shift if another truffle doesn't come up and take
> the
> > second shift.... I was kind of hoping W5R0 or W5YR or W5USJ might
> want
> > that second shift for an all Texas truffle challenge. I will be
> around
> > 14.060 to 14.062 and
> > will be listening up or down so please don't call on my freq. See
> you
> > there!
> >
> > ---
> > [This E-mail scanned for viruses by Declude Virus]
> >
> > -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe
> fpqrp-1 -
>
>
> -To unsubscribe, mail to majordomo@fpqrp.com, msg: unsubscribe fpqrp-1 -
> ---
> [This E-mail scanned for viruses by Declude Virus]
>
>

[This E-mail scanned for viruses by Declude Virus]

Date: Sun, 8 Jun 2003 17:26:2 -0500
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-1 reflector" <qrp-1@lehigh.edu>,
"Elecraft " <elecraft@mailman.qth.net>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [152083] FOXes spotted!
Message-ID: <41200360822262965@earthlink.net>
MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Gang:

Both FOXes have been spotted this afternoon. Dave N0IT is on 14.061. He is not very strong here in Bismarck. Hope to work him later. Alan N3BJ is on 14.058.7, listening up, sometimes up to 589. He has been calling CQ FOX at 2220Z GL everyone!

73,
--Doc/K0EVZ

Date: Sun, 8 Jun 2003 15:25:51 -0400
From: "Patrick York" <pyork@cetlink.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [152084] RE: SuSE 8.2 Pro CD's Available
Message-ID: <00f801c32df3\$c6bec600\$e4c8fea9@home1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

The SuSE CD's will be on their way to another ham on Monday. There are two others on the list after him. Watch for a posting in the near future about their availability. Thanks again for the bandwidth.

73,

Pat KF4LMZ

Original Message:

Yesterday, I received the SuSE 8.2 Pro CD's from Chuck Adams K7Q0 (Thanks Chuck!). I will burn a copy first thing Monday morning. If you would like to be next on the list to receive the CD's, contact me direct. I will send them to the first person to contact me. Any other names received will be forwarded to the next recipient. Thanks for the bandwidth.

Date: Sun, 08 Jun 2003 18:36:41 -0400
From: John Farler <jfarler@peoplepc.com>
To: qrp-1 <qrp-1@Lehigh.EDU>, Caitlyn Martin <ku4qd@earthlink.net>
Subject: [152085] Re: FD and the lonely CW ops
Message-ID: <3EE3BA79.56DD7545@peoplepc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We tend to have the same problem, but most of the phone guys just want to sit around and shoot the breeze with each other, so we consistently out-do them, even considering contact point diff. So you can say we have a shortage of willing phone ops.

You can have fun on 40 and 80 at night if the QRN from nearby storms isn't too bad. Most fun I ever had on fd was me, a battery, and an HW-8 on 40 meters 'til dawn. One thing you may have already figured out, start at high end of band where you first hear FD stations and work down if you hunt and pounce, or choose a higher in band freq to call cq if you're in that mode of operation. This will help if you're qrp and/or slower cw, although the speeds aren't as critical on fd...

Have fun,
John, K4AVX

>.....
> FWIW, I just volunteered to be the late night CW op for Field Day for
> our club. The sad fact is that I'm probably one of the most qualified
> people in the club to do it. Most of the locals just don't do CW,
> period. I was one out of a total of two CW ops last year too. To those
> who want me to do more CW in a demanding environment: Field Day on 40
> or 80 at night is pretty demanding, isn't it?
>
> 72/73,
> Caity
> KU4QD

Date: Sun, 8 Jun 2003 18:52:32 -0400

From: "AI2Q" <ai2q@adelphia.net>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [152086] Rat Shack SWR bridges
Message-ID: <000701c32e10\$a6097d20\$7e01a8c0@CHIPCENTERSF>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Someone here on the list mentioned some things for sale at Radio Shack. That reminded me that one of the members of my radio club is a RS store manager, and he said that the stores will be selling CB crappy little SWR bridges soon for less than \$3 a pop.

FYI.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687
<http://users.adelphia.net/~alexmm/ai2q.htm>

.-.-.

Date: Sun, 8 Jun 2003 17:55:52 -0500
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>,
 "Elecraft " <elecraft@mailman.qth.net>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [152087] No FOX N0IT at 2300Z
Message-ID: <412003608225552698@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Not hearing Der FOXxe N0IT at 2300Z, but maybe he will suddenly jump up in the last 30 minutes. Not even hearing the hunters now, so perhaps he has QSYed a bit.

73,
--Doc/K0EVZ

End of QRP-L Digest 2945
